

**产品名称: Mox1 Rabbit Polyclonal Antibody**  
**产品货号: APRab14050**



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | Mox1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody      |
| 宿主 (Host)              | Rabbit                          |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA             |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                 |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | NOX1 MOX1 NOH1                                                                                                 |
| 别名 (Alternative Names) | NADPH oxidase 1 (NOX-1;EC 1.-.-.;Mitogenic oxidase 1;MOX-1;NADH/NADPH mitogenic oxidase subunit P65-MOX;NOH-1) |
| 基因 ID (Gene ID)        | 27035.0                                                                                                        |
| 蛋白 ID (SwissProt ID)   | Q9Y5S8.Synthetic peptide from human protein at AA range: 210-260                                               |

## 产品应用 (Application)

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 65kDa                                                                  |

## 研究背景 (Background)

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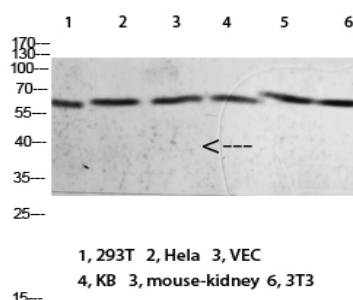


This gene encodes a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2012],cofactor:FAD „cofactor:NADP „enzyme regulation:The oxidase activity is potentiated by NOXA1 and NOXO1„function:NOH-1S is a voltage-gated proton channel that mediates the H(+) currents of resting phagocytes and other tissues. It participates in the regulation of cellular pH and is blocked by zinc. NOH-1L is a pyridine nucleotide-dependent oxidoreductase that generates superoxide and might conduct H(+) ions as part of its electron transport mechanism, whereas NOH-1S does not contain an electron transport chain„similarity:Contains 1 FAD-binding FR-type domain„similarity:Contains 1 ferric oxidoreductase domain„subunit:NOX1, NOXA1, NOXO1, RAC1 and CYBA forms a functional multimeric complex supporting ROS production. Interacts with NOXA1 and NOXO1„tissue specificity:NOH-1L is detected in colon, uterus, prostate, and colon carcinoma, but not in peripheral blood leukocytes. NOH-1S is detected only in colon and colon carcinoma cells„

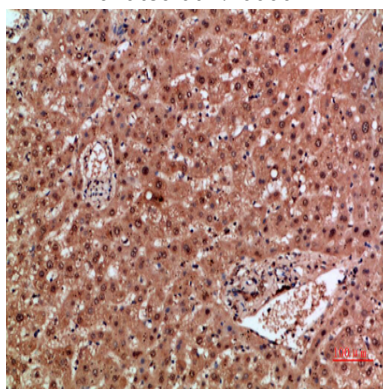
## 研究领域 (Research Area)

Leukocyte transendothelial migration;

## 图片 (Image Data)

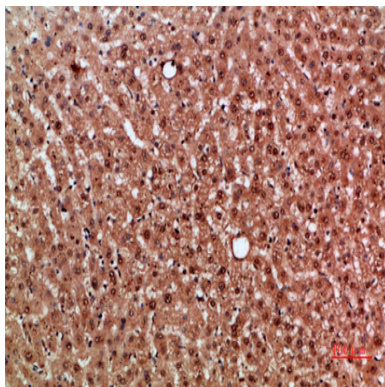


Western blot analysis of 293T HeLa VEC KB mouse-kidney 3T3 lysate, antibody was diluted at 2000. Secondary antibody was diluted at 1:20000

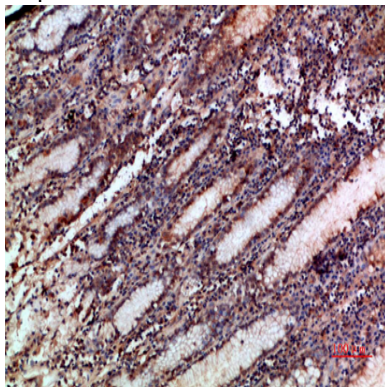


Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200

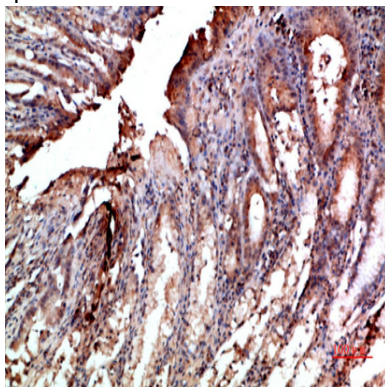
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Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-stomach, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-stomach, antibody was diluted at 1:200

### 注意事项 (Note)

For research use only .